Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

The Wilson Bulletin

Official Organ of the Wilson Ornithological Club

An Illustrated Quarterly Magazine
Devoted to the Study of
Birds in the Field

Edited by Lynds Jones

Nineteen Hundred and Nine

Old Series, Volume XXI New Series, Volume XVI

Published by the Club at Oberlin, Ohio

Index to Vol. XXI, 1909

Acanthis linaria, 49.
Accipiter cooperi, 33, 192.
velox, 192.
Actitis macularia, 129.
Actodromas baridii, 107.
Ægialitis meloda, 33, 131.
semipalmata, 32, 130, 219.
Aix sponsa, 76.
Aluco pratincola, 196.
Anas boschas, 222.
platyrhynchos, 72.
rubripes, 73, 222.
tristis, 73.
Antrostomus vociferus, 202.
Aramus gigantus, 33.
Archibuteo ferrugineus, 212.
lagopus sancti-johannis, 194, 210, 218.
Aquila chrysaetos, 48, 194, 409, 219.
Archilochus colubris, 204.
Ardea herodias, 121.
Arenaria interpres, 131.
wilsonianus, 196.
Asio flammeus, 197.
Astur atricapillus, 192.
Auklet, Cassin, 15.
Avocet, American, 228.
Aythya affinis, 222.
marila nearctica, 221.
Baldpate, 74, 76, 100, 115, 220.
Bartramia longicauda, 129.
Bittern, American, 100, 121.
Least, 101, 121, 219, 226.
Blackbird, Red-winged, 99, 157, 226.
Rusty, 101, 157.
Yellow-headed, 33.
Bluebird, 99, 109.
Bob-white, 188.
Bobolink, 101.
Bonasa umbellus, 188.
Botaurus lentiginosus, 120.
Branta canadensis, 120.
Bubo virginianus, 198.
Bufflehead, 100, 117.
Bunting, Indigo, 101.
Buteo borealis, 193.
lineatus, 193.
platypterus, 193.
Butorides virescens, 122.
Calidris arenaria, 229.
leucophoea, 127.
Canvas-back, 115.
Caracara, Audubon, 103.
Cardinal, 96, 152, 154, 156.
Cardinalis cardinalis, 96, 156.
Carpodacus purpureus, 96.
Catbird, 96, 101, 226.
Cathrates aura septentrionalis, 190.
Catotrophorus semipalmatus inornatus, 129.
Centrocercus urophasianus, 33.
Ceophloeus pileatus abieticola, 201.
Centurus carolinus, 156, 201.
Cerorhincha monocerata, 62.
Ceryle alcyon, 199.
Chaetura pelagica, 203.
Charadrius dominicus, 130, 220.
histicula, 32.
Charitonetta albeola, 117.
Chaulelasmus streperus, 74.
Chat, Yellow-breasted, 41, 42, 101, 152, 153.
Chen caerulescens, 119.
hyperborea, 119.
Chicken, Prairie, 189.
Chickadee, 38, 48, 49.
Chloephaga poliocephala, 159.
Chordeiles virginianus, 203.
Circus hudsonius, 191.
Clangula clangula americana, 117.
islandica, 117.
Coccyzus americanus, 198.
erythrocephalus, 199.
Colaptes auratus luteus, 37, 202.
Colinus virginianus, 188.
Colymbus auritus, 66.
Condor, 28, 29.
Coot, American, 73, 100, 124.
Cormorant, Baird, 12, 13, 14.
Double-crested, 71, 221.
Cowbird, 23.
Creeper, Brown, 49.

Crow, American, 59, 60, 197.
Northwest, 15.
Carrion, 104.
Fish, 23.
Crossbill, American, 15.
Cryptoglaux acadicus, 197.
Cuckoo, Black-billed, 38, 101, 199.
Yellow-billed, 101, 198, 199, 226.
Curlew, Long-billed, 130.
Dafila acuta, 76, 222.
Dendroica blackburniae, 96.
caerulea, 96.
caerulescens, 96.
virens, 96.
Dichromanassa, pealei, 33.
Dickcissel, 107, 152, 154.
Dove, Mourning, 100, 189.
Zenaida, 33.
Dryobates pubescens medianus, 200.
villosus, 199.
Duck, Black, 73, 74, 222, 228.
Greater Scaup, 115.
Lesser Scaup, 76, 99, 116, 118, 222.
Red-legged Black, 73, 99.
Ring-necked, 100, 116.
Ruddy, 100, 118.
Scaup, 100, 102, 221.
Shoveller, 76, 99.
Wood, 76, 106, 228.
Eagle, Bald, 48, 78, 154, 193, 195, 219.
Golden, 88, 194, 209, 217.
Ectopistes migratorius, 189, 223.
Egret, American, 122, 228.
Peale's, 33.
Ereunetes pusillus, 127, 220.
Erismatura jamaicensis, 118.
Falco aesalon, 87, 93.
columbarius, 85.
richardsonii, 85.
suckleyi, 85.
dominicensis, 208, 216.
fusco caerulescens, 205, 214.
islandus, 78, 80, 88, 89.
mexicanus, 83, 94.
peregrinus, 81.
anatum, 81, 91, 195.
pealei, 15, 81, 82.
rusticolus, 79, 90.
gyrfalco, 79.
obsoletus, 79.
sparverius, 196, 206, 215.
Falcon, Aplomado, 205, 214.
Peale's, 15, 81, 82.
Peregrine, 81, 82.
Prairie, 83, 94.
Finch, Purple, 40, 96.
Flicker, Northern, 37, 48, 49, 96, 202.
Florida caerulea, 219.
Flycatcher, Acadian, 152.
Alder, 101.
Green-crested, 101.
Least, 101.
Traill's, 34, 51.
Yellow-bellied, 101.
Fulica americana, 124.
Gadwall, 74.
Gallinago delicata, 125, 150.
Gallinule, Florida, 73, 75, 123, 124, 157, 226.
Purple, 123.
Gallinula galeata, 123.
Gavia arctica, 68.
imber, 48.
immer, 67.
Gnatcatcher, Blue Gray, 101, 108.
Godwit, Hudsonian, 32.
Golden-eye, American, 99, 117.
Barrow's, 117.
Goldfinch, American, 49.
Goose, Blue, 119.
Canada, 32, 120.
Lesser Snow, 119.
Goshawk, 192.
Grackle, Boat-tailed, 27, 178.
Bronzed, 79, 157.
Grebe, Horned, 66 100.
Pied-billed, 66, 73, 99.
Grosbeak, Rose-breasted, 38, 226.
Grouse, Ruffed, 188.
Prairie Sharp-tailed, 84.
Sage, 33.
Gull, Bonaparte, 69, 100.
Iceland, 68.
Herring, 63, 68, 100, 221.
Laughing, 228.
Ring-billed, 69.
Gyrfalcon, Black, 79, 80.
Gray, 78, 90.
White, 79, 80, 87, 88, 89.
Haliaeetus leucocephalus, 48, 195, 219.
Harelda hyemalis, 118.

Hawk, American Rough-legged, 97, 193, 194, 210, 212, 213, 218.
American Sparrow, 97, 193, 194, 196.
Broad-winged, 64, 98, 193, 194.
Cooper, 32, 33, 192.
Cuban, 208, 216.
Duck, 19, 81, 82, 91, 195.
Marsh, 101, 191, 193, 194.
Pigeon, 85, 86, 92, 100, 195, 205.
Sparrow, 84, 193, 206, 211, 215.
Red-shouldered, 193, 194.
Red-tailed, 97, 98, 183
Sharp-shinned, 60, 64, 65, 192.
Swainson, 97.
Ferruginous Rough-leg, 212.
Helmitheros vermivorus, 105.
Helodromas solitarius, 128, 225,
Herodias egretta, 122.
Heron, Black-crowned Night, 100, 122, 221.
Great Blue, 100, 121, 228.
Little Blue, 219, 228.
Green, 101, 122, 155.
Snowy, 228.
Hummingbird, Rufus, 15.
Ruby-throated, 101, 155, 204.
Hydrochelidon nigra surinamensis, 71, 220.
Hylocichla aliciae, 10.
ustulata, 15.
Ionornis martinica, 123.
Ixobrychus exilis, 121, 219.
Jaeger, Parisitic, 68.
Pomarine, 68.
Jay, Blue, 49, 59, 156, 197.
Florida, 27.
Junco, Montana 39.
Slate-colored 39, 40, 101,
Killdeer, 99, 157.
Kinglet, Ruby-crowned, 100.
Kingbird, 101.
Knot, 126.
Lark, Horned, 64.
Kingfisher, Belted, 199.
Larus argentatus, 68, 221.
delawarensis, 69.
leucopterus, 68.
philadelphia, 69.
Limpkin, 33.
Loon, 48, 67.
Black-throated, 68.
Lophodytes cucullatus, 72.
Lunda cirrhata, 3, 4, 5, 6, 7, 8.
Mallard, 72, 73, 99, 22.
Mareca americana, 74, 220.
Marila affinis, 116.
americana, 115.
collaris, 116.
marila, 102, 115.
vallisneria, 115.
Martin, Purple, 65, 100.
Meadowlark, 60.
Melanerpes erythrocephalus, 37, 96, 201.
Meleagris gallopavo sylvestris, 189.
Melospiza cinerea morphna, 15.
Merganser, American, 72, 99.
Hooded, 72, 100.
Red-breasted, 72, 100.
Mergus americanus, 72.
serrator, 72.
Merlin, 87, 93.
Black, 85, 86.
Richardson's, 85, 86.
Mockingbird, 228.
Murre, Brunnich's, 68.
California, 1, 9, 10, 11, 12, 23.
Nighthawk, 21, 101, 203.
Nettion carolinensis, 74.
Numenius americanus, 130.
Nuthatch, White-breasted, 48, 49.
Nyctea nyctea, 198.
Nycticorax nycticorax naevius, 122, 221.
Oidemia deglandi, 118.
Olbiorchilus hiemalis pacificus, 15.
Old-Squaw, 118.
Olor buccinator, 120.
columbianus, 120.
Oriole, Baltimore, 101.
Orchard, 101.
Osprey, 123, 196, 228.
Otus asio, 197.
Oyster-catcher, Black, 15, 228.
Oven-bird, 64, 107.
Owl, Barn, 35, 36, 37, 38, 196, 226.
Burrowing, 33
Barred, 197.
Great Horned, 29, 198.
Hawk, 198.

Long-eared, 196.
Saw-whet, 197.
Screech, 38, 197.
Short-eared, 198.
Snowy, 198.
Pandion haliaetus carolinensis, 196.
Passerella illiaca fuliginosa, 15.
Pelecanus erythrorhynchos, 71.
Pelican, American White, 71, 99.
Pelidna alpina sakhalina, 127.
Petrel, Kaeding's, 15.
Peucaea aestivalis bachmanii, 158.
Pewee, Wood, 101.
Phalacrocorax auritus, 71, 221.
pelagicus resplendens, 12, 13, 14.
penicillatus, 14.
Phalarope, Wilson, 157.
Philohela minor, 125.
Phloeotomus pileatus abieticola, 156.
Phœbe, 99.
Say's, 34.
Pigeon, Passenger, 130, 189, 223.
Pintail, 99, 222.
Pipit, American, 100.
Pisobia bairdii, 126.
maculata, 126.
minutilla, 26, 220.
Plover, American Gonden, 100, 130, 157, 220.
Black-bellied, 130.
Piping, 33, 117, 131, 153, 228.
Semipalmated, 32, 130, 219.
Wilson's, 32.
Podilymbus podiceps, 66.
Polyborus cheriwayi, 103.
Porzana carolina, 123.
noveboracensis, 123.
Puffin, Tufted, 3, 4, 5, 6, 7, 8.
Protonotaria citrea, 227.
Querquedula discors, 75.
Rail, King, 62, 100, 122, 155, 219, 226.
Sora, 100, 123, 157, 226.
Virginia, 39, 122, 123, 157, 226.
Yellow, 123.
Rallus elegans, 122, 155, 219.
virginianus, 122.
Raven, American, 15.
Redhead, 115.
Redpoll, 49.
Redstart, American, 38, 101, 226.
Robin, American, 43, 96, 99.
Sanderling, 127, 128, 131, 220.
Sandpiper, Baird's, 126.
Bartramian, 100, 129, 228.
Least, 100, 126, 157, 220.
Pectoral, 100, 126.
Semipalmated, 101, 128, 220.
Solitary, 39, 128, 157, 225.
Spotted, 100, 119, 127, 128, 129, 131, 226.
Red-backed, 127.
Sapsucker, Yellow-bellied, 100, 200.
Scoter-White-winged, 118.
Selasphorus rufus, 15.
Shoveller, 76, 99.
Shrike, Northern, 100.
Skimmer, Black, 228.
Snipe, Wilson's, 39, 100, 125.
Snowflake, 64.
Sora, 100, 123, 157.
Sparrow, Bachman's, 158.
Chipping, 100, 226.
Clay-colored, 40.
English, 156, 207.
Field, 40, 99, 119, 226.
Fox, 40, 100.
Grasshopper, 100, 153.
Harris', 39, 40.
Henslow's, 152.
Lark, 152.
Lincoln's, 46.
Rusty Song, 15.
Savanna, 100, 139, 153, 157.
Song, 40, 44.
Sooty Fox, 15.
Swamp, 40, 100, 226.
Tree, 40, 49, 100.
Vesper, 99, 226.
White-crowned, 100, 226.
White-throated, 40, 226.
Spatula clypeata, 76.
Speotyto cunicularia hypogæa, 33.
Sphyrapicus varius, 200.
Squatarola squatarola, 130.
Steganopus bicolor, 124.
Stercorarius parasiticus, 68.
pomarinus, 68.
Sterna caspia, 70.
hirundo, 70.
Stilt, Black-necked, 228.
Strix pratincola, 35, 221.

varia, 197.
Surnia ulula caparoch, 198.
Swallow, Bank, 108.
Barn, 21, 100.
Cliff, 101.
Rough-winged, 100, 108, 153, 154.
Tree, 100, 155, 226.
Swan, Trumpeter, 120.
Whistling, 120.
Swift, Chimney, 21, 22, 101, 203.
Tanager, Scarlet, 101.
Summer, 228.
Teal, Blue-winged, 75, 100.
Green-winged, 74, 100.
Telmatodytes palustris, 219.
Tern, Black, 71, 100, 154, 220.
Caspian, 70.
Common, 61, 63, 70, 100, 228.
Gull-billed, 228.
Least, 228.
Roseate, 228.
Thrasher, Brown, 96, 100.
Thryomanes bewickii, 158.
Thrush, Gray-cheeked, 101.
Hermit, 100, 177, 226.
Olive-backed, 100.
Russet-backed, 15.
Wilson's, 101.
Wood, 42, 101, 177.
Titmouse, Tufted, 48.
Totanus flavipes, 128.
melanoleucus, 128, 221.
Towhee, 99.
Tringa canutus, 126.
Turkey, Wild, 189.
Uria lomvia, 68.
troile californica, 1, 9, 10, 11.
Vireo solitarius, 129.
Vireo, Blue-headed, 101, 226.
Philadelphia, 46.
Red-eyed, 61, 101.
Warbling, 226.
Yellow-throated, 101.
Vulture, Turkey, 99, 104, 190.
Warbler, Audubon's, 15.
Bay-breasted, 96, 101.
Black and White, 101.
Blackburnian, 45, 46, 96, 101.
Black-poll, 45, 46, 96, 101.
Black-throated Blue, 86, 101, 226.
Black-throated Green, 96, 101, 226.
Blue-winged, 101.
Canadian, 101.
Cape May, 45, 96, 101, 226.
Cerulean, 96, 101.
Chestnut-sided, 96, 101.
Golden-winged, 101.
Magnolia, 45, 101.
Mourning, 45, 101.
Myrtle, 45, 101.
Nashville, 101.
Orange-crowned, 101.
Palm, 101.
Parula, 96.
Pine, 45.
Prothonotary, 226, 227.
Tennessee, 45, 46, 101.
Wilson's, 101.
Worm-eating, 104, 105.
Yellow, 38, 101.
Water-Thrush, 45, 101.
Louisiana, 100.
Waxwing, Bohemian, 49.
Whippoorwill, 21, 59, 101, 202, 203.
Willet, 129, 228.
Woodcock, 59, 100, 125, 228.
Woodpecker, Downy, 38, 48, 49.
Hairy, 38, 49, 199.
Northern Downy, 199, 200.
Northern Pileated, 156, 201.
Pileated, 228.
Red-bellied, 156, 201.
Red-headed, 27, 37, 64, 96, 201.
Wren, Bewick's, 35, 99, 152, 158.
Carolina, 152.
Long-billed Marsh, 75, 101, 219, 226.
Prairie Marsh, 157.
Short-billed Marsh, 157.
Western Winter, 15.
Winter, 100.
Yellow-legs, 101, 128, 157.
Greater, 100, 128, 157, 221.
Yellow-throat, Northern, 45, 101.
Zenaidura macroura carolinensis, 189.